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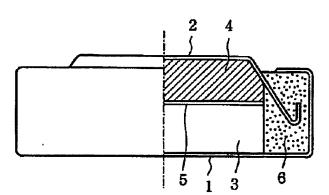
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TITLE

: ONE SIDE NI PLATED STEEL SHEET

HAVING HIGH LUSTER AND

REDUCED CONTACT RESISTANCE FOR NEGATIVE AND POSITIVE POLE CANS OF LITHIUM BUTTON CELL



ABSTRACT: PROBLEM TO BE SOLVED: To provide a negative pole can and a positive pole can of

lithium button cell having high glossiness and low contact resistance.

SOLUTION: In this lithium button cell can, an austenitic stainless steel excellent in workability is used as a base material for the negative pole can 2, and a relatively inexpensive ferritic stainless steel is used as a base material for the positive pole can 1. The surface roughness of each stainless steel is regulated to ≤0.05 µm Ra, and a mat Ni plating layer of 0.01-0.3 µm layer thickness is formed via a bright Ni plating layer on each stainless steel.

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